

Amendments to the Claims:

Claims 1-19 (Cancelled)

20. (New) A method for creating a description of a user interface that transacts with a database having a data model containing a plurality of entities, the description being created using the data model of the database, the method comprising:

a) classifying the plurality of entities into entity types, the classifying comprising:

determining whether a first entity in the plurality of entities satisfies a first set of conditions; and

classifying the first entity as a first entity type upon determining that the first entity satisfies the first set of conditions; and

b) creating the description of the user interface based upon the classification of the plurality of entities.

21. (New) The method of claim 20 wherein:

each entity in the data model describes a type of data object associated with the database; and

the classifying produces the first entity type for a first group of data objects and a second entity type for a second group of data objects, the data objects in the first group of data objects being updated in the database more frequently than the data objects in the second group of data objects.

22. (New) The method of claim 21 wherein the first entity type is a Main entity type and the second entity type is an Enumeration entity type.

23. (New) The method of claim 20 wherein the description is a generic description configured to be interpreted in different platforms or operating environments.

24. (New) The method of claim 20 wherein the description is in eXtensible Markup Language (XML).

25. (New) The method of claim 20 wherein the classifying and creating are performed automatically without human assistance.
26. (New) The method of claim 20 further comprising, before the receiving:
obtaining a current data model of the database, the current data model reflecting any changes to the database up to when the current data model is obtained, wherein a current description of the user interface is created using the current data model of the database.
27. (New) The method of claim 20 further comprising:
before the classifying, receiving a request from a client that the description be created, wherein receiving the request triggers the classifying of entities into entity types.
28. (New) A computer for creating a description of a user interface that transacts with a database having a data model containing a plurality of entities, the description being created using the data model of the database, the computer comprising:
a memory for storing sets of instructions comprising:
a set of instructions for classifying the plurality of entities into entity types, the set of instructions for classifying comprising:
a set of instructions for determining whether a first entity in the plurality of entities satisfies a first set of conditions; and
a set of instructions for classifying the first entity as a first entity type upon determining that the first entity satisfies the first set of conditions; and
a set of instructions for creating the description of the user interface based upon the classification of the plurality of entities; and
a network interface for interfacing with a network.
29. (New) The computer of claim 28 wherein the description is a generic description

configured to be interpreted in different platforms or operating environments.

30. (New) The computer of claim 28 wherein the sets of instructions further comprises:

a set of instructions for distributing the description to a client via the network for enabling the client to generate the user interface; and

a set of instructions for providing data from the database to the client for populating the user interface.

31. (New) A computer program product having a computer readable medium having computer program instructions recorded thereon for creating a description of a user interface that transacts with a database having a data model containing a plurality of entities, the description being created using the data model of the database, the computer program product comprising:

a) instructions for classifying the plurality of entities into entity types, the instructions for classifying comprising instructions for:

determining whether a first entity in the plurality of entities satisfies a first set of conditions; and

classifying the first entity as a first entity type upon determining that the first entity satisfies the first set of conditions; and

b) instructions for creating the description of the user interface based upon the classification of the plurality of entities.

32. (New) The computer program product of claim 31 wherein the description is a generic description configured to be interpreted in different platforms or operating environments.

33. (New) The computer program product of claim 31 further comprising:

instructions for obtaining a current data model of the database, the current data model reflecting any changes to the database up to when the current data model

is obtained, wherein a current description of the user interface is created using the current data model of the database.

34. (New) An apparatus for creating a description of a user interface that transacts with a database having a data model containing a plurality of entities, the description being created using the data model of the database, the apparatus comprising:

a) means for classifying the plurality of entities into entity types, the means for classifying comprising means for:

determining whether a first entity in the plurality of entities satisfies a first set of conditions; and

classifying the first entity as a first entity type upon determining that the first entity satisfies the first set of conditions; and

b) means for creating the description of the user interface based upon the classification of the plurality of entities.

35. (New) A method for generating a user interface that transacts with a database having a data model containing a plurality of entities, the method comprising:

receiving a description of the user interface, the description being based upon classification of the plurality of entities into entity types wherein the classification comprises classification of a first entity as a first entity type upon determination that the first entity satisfies a first set of conditions; and

generating the user interface using the description of the user interface.

36. (New) The method of claim 35 further comprising:

before the receiving, sending a request that the description be created, wherein the request triggers the classifying of entities into entity types; and

after the generating, receiving data from the database in order to populate the user interface.

37. (New) The method of claim 35 further comprising, before the receiving:

sending preferences for the user interface, the preferences being utilized in creating the description.

38. (New) The method of claim 35 further comprising, before the receiving: sending authentication information.
39. (New) A computer for generating a user interface that transacts with a database having a data model containing a plurality of entities, the computer comprising:
a memory for storing sets of instructions comprising:
a set of instructions for receiving a description of the user interface from an application server, the description being based upon classification of the plurality of entities into entity types wherein the classification comprises classification of a first entity as a first entity type upon determination that the first entity satisfies a first set of conditions; and
a set of instructions for generating the user interface using the description of the user interface; and
a network interface for transacting with the application server and the database via a network.
40. (New) The computer of claim 39 wherein the sets of instructions further comprises:
a set of instructions for sending to the application server a request that the description be created; and
a set of instructions for receiving data from the database in order to populate the user interface.
41. (New) The computer of claim 39 wherein the sets of instructions further comprises:
a set of instructions for sending preferences for the user interface to the server application, the preferences being utilized in creating the description.

42. (New) A computer program product having a computer readable medium having computer program instructions recorded thereon for generating a user interface that transacts with a database having a data model containing a plurality of entities, the computer program product comprising:
- instructions for receiving a description of the user interface, the description being based upon classification of the plurality of entities into entity types wherein the classification comprises classification of a first entity as a first entity type upon determination that the first entity satisfies a first set of conditions; and
 - instructions for generating the user interface using the description of the user interface.
43. (New) The computer program product of claim 42 wherein the description of the user interface is created using a current data model of the database, the current data model reflecting any changes to the database up to when the description is created.
44. (New) The computer program product of claim 42 further comprising:
- instructions for sending preferences for the user interface, the preferences being utilized in creating the description.
45. (New) An apparatus for generating a user interface that transacts with a database having a data model containing a plurality of entities, the apparatus comprising:
- means for receiving a description of the user interface, the description being based upon classification of the plurality of entities into entity types wherein the classification comprises classification of a first entity as a first entity type upon determination that the first entity satisfies a first set of conditions; and
 - means for generating the user interface using the description of the user interface.
46. (New) A system comprising:
- a database having a data model containing a plurality of entities; and

a server communicatively coupled to the database for creating a description of a user interface that transacts with the database, the description being based upon classification of the plurality of entities into entity types wherein the classification comprises classification of a first entity as a first entity type upon determination that the first entity satisfies a first set of conditions.

47. (New) The system of claim 46 wherein the server obtains a current data model of the database, the current data model reflecting any changes to the database up to when the current data model is obtained, a current description of the user interface being created using the current data model of the database.

48. (New) The system of claim 46 wherein the server is in persistent communication with the database.

49. (New) The system of claim 46 wherein the server is communicatively coupled to a first client via a network and distributes the created description to the first client for enabling the first client to generate the user interface.

50. (New) The system of claim 49 wherein the server provides the first client an only point of access to the database.

51. (New) The system of claim 49 wherein the server is communicatively coupled, via the network, to a second client having a different platform or operating environment than the first client, and distributes the created description to the second client for enabling the second client to generate the user interface.